

METHOD FOR REMOVING LEAD SULFATE FILM FORMED IN LEAD-ACID BATTERY

ABSTRACT

A method for removing membranous lead sulfate deposited on electrodes of a lead-acid battery includes dissolving the lead sulfate into fine particles without causing the membranous lead sulfate to fall off or be suspended in the electrolytic solution. The performance of the battery is recovered from a deteriorated state and battery life is prolonged. The method emits little noise to the outside environment. The method includes bringing about a conductor skin effect phenomenon whereby the surface layer of the membranous lead sulfate deposited on the electrodes is dissolved with a pulse current having a short pulse width. The pulse width of the pulse current is preferably 1 μ s or less.